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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/488,976	01/21/2000	William J. Baer	STL000014US1	5177

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EXAMINER

NGUYEN, TAM V

ART UNIT PAPER NUMBER

2172

DATE MAILED: 11/07/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/488,976

Applicant(s)

BAER ET AL.

Examiner

Tam V Nguyen

Art Unit

2172

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 July 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- ☐ Interview Summary (PTO-413) Paper No(s). _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

1. Claims 1-30 are pending in this office action. Claims 1-30 are presented for examination. This office action is in response to the amendment and the added of new claims 25-30 dated 07/03/02.

Response to Arguments

2. Applicant's arguments filed 07/03/02 have been fully considered but they are not persuasive.

The applicant argued, "However, the item ID, part number and rep type are not user-provided content as recited in claim 1".

In response, the examiner respectfully agrees that the item ID, part number and rep type are not user-provided content as recited in claim 1. The examiner has rejected the limitation "user-provided content" as the piece map (col. 9, lines 64-col. 10, lines 13).

In addition to claim 1, the third limitation discloses adding the identifier of the user-provided content to the list, whereby the user-provided content is added to the content object. The examiner has rejected "the list" as the object server table [24], which the piece map was added in. (col. 9, lines 64-col. 10, lines 13).

The applicant argued, "Kauffman reference does not disclose receiving user-provided content and adding an identifier of it to the piece map such that the user-provided content is added to the large object."

In response, the examiner respectfully disagrees because a library client (30) [is a user] creates a piece map with a header and sends a request to library server (20). The library server (20) receives a piece map and assigns [adds] a item ID and part number for the piece map, and sets a REP type if specify by the library client (col. 9, lines 64-col. 10, lines 14 and see fig. 4).

New adding claims 25-30 has rejected below.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kauffman et al. (US 5857203).

Re claims 1, 9, and 17, Kauffman discloses a method for adding user-provided content object as a plurality of content entities in a data repository comprising the steps of:

Kauffman discloses defining the content object by a list of content entity identifiers (item id, part number, and rep type as the steps of defining the object, (Col. 9, lines 64-Col. 10, lines 40); receiving user-provided content, assigning it an identifier, and storing it with its identifier in the data repository,(Col. 8, lines 45-55 and Col. 9, lines

Art Unit: 2172

64-Col. 10, lines 40); adding the identifier of the user-provided content to the list, whereby the user-provided content is added to the content object (Col. 9, lines 64-Col. 10, lines 13).

Kauffman does not clearly teach "receiving the user-provide content, assigning it an identifier and storing it with its identifier in the data repository".

However, Kauffman shows library client (30) creates a piece map with a header and sends a request to library server (20) to store the piece map (26). Library server (20) creates in entry in parts table (14) and assigns a item ID and part number for the piece map, and sets a REP type if specified by the library client, (col. 9, lines 64-col. 10, lines 13).

Therefore, it would have been obvious to one of ordinary skill in the art at the time invention was made to employ receiving the user-provide content, assigning it an identifier and storing it with its identifier in the data repository in Kauffman because the library server (20) has the capability to do exactly the same functions as the library client (30).

Re claims 2, 5, 10, 13, 18, and 21, the method of claim 1, further comprising the step of receiving a user-provided location for inserting the content entity into the content object, and inserting the identifier into the list at that location, (Col. 8, lines 5-14).

Re claims 3, 8, 11, 16, 19, and 24, the method of claim 2, further comprising the steps of providing a user interface communicating with the data repository, and

Art Unit: 2172

providing mechanisms for receiving the user-provided content and specification of a desired location through the user interface, (Col. 18-32 and see fig. 1).

Re claims 4, 12, and 20, Kauffman discloses a method for adding user-provide content to a hierarchically structured content object stored as a plurality of content entities in a data repository, comprising the steps of:

Kauffman discloses the content object is relating to the item id, part number, and rep type, (Col. 10, lines 31-40).

Library Server receiving the content from the Client, (see fig. 2), assigning item id, part number, and rep type to the content as an identifier, (Col. 8, lines 45-55), and storing the content with content's identifier in the Library Server and Object Store, (Col. 8, lines 45-55 and see fig. 2); and

Adding the item id, part number, and rep type to the list, whereby the client-provided content is added to the object, (Col. 9, lines 64-Col. 10, lines 13).

Re claims 6, 14, and 22, the method of claim 4, wherein the user-provided content comprises a content entity, (Col. 8, lines 45-55).

Re claims 7, 15, and 23, the method of claim 4, wherein the user-provided content comprises a container, (Col. 1, lines 18-32).

Art Unit: 2172

Re claims 25, 26, 27, 28, 29, and 30, wherein the received user-provide content is not part of the content object, (Col. 9, lines 64-Col. 10, lines 14).

Contact Information

5. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tam V Nguyen whose telephone number is (703) 305-3735. The examiner can normally be reached on 7:30AM-5: 00PM.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Yen Vu can be reached on (703) 305-4393. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746-7239 for formal communications and (703) 746-7240 for informal communications.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, Virginia 22202. Fourth Floor (Receptionist).

6. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

TV:tv

10/25/02


KIM VU
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